

EPA Burn Wise Program: Products and Partnerships

National Air Quality Conference January 25, 2017 Austin, Texas





What is Burn Wise?

- Voluntary Education Partnership Program
- Key Message: Learn Before You Burn Burn the right wood, the right way, in the right appliance
- Goal:
 - educate users on how to properly use their wood burning
 - promote upgrades to cleaner burning technologies





Burn Wise Education Program

Target audience

Current and future owners of wood burning appliances

- Fireplaces
- Wood Stoves
- Hydronic Heaters/Outdoor Wood Boilers
- Forced Air Furnaces
- Outdoor fire-pits/chimeneas (limited)





What Burn Wise Materials are Available?

- Tip Sheet
- Posters
- Brochures
- Postcard
- Tear Pads
- Wood Shed Construction Plans
- Videos

^{*} Free hard copies are currently available for most tools







Learn Before You Burn Poster

Overview

- Poster encourages wood burners to "Burn the right wood, the right way, in the right appliance" and outlines 3 benefits and a call to action
 - Available in English
 - Size: 17" X 11"



https://www.epa.gov/burnwise/burn-wise-posters





Burn the Right Wood Tear Sheet

Overview

- Same message as "Learn Before You Burn" poster
- Quick tips for homeowners
 - Developed in partnership with the Chimney Safety Institute of America and National Fireplace Institute
 - Available in English
 - Size: 3 1/2" X 8 1/2"



https://www.epa.gov/burnwise/burnwise-other-materials

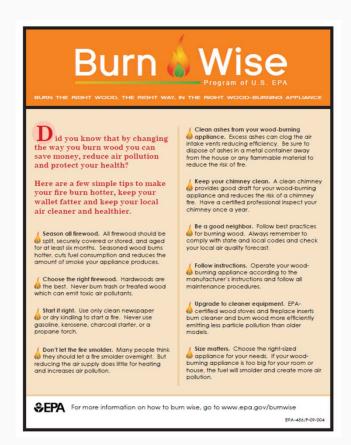




Burn Wise Tip Sheet

Overview

- Basic tips for starting a fire, seasoning wood, proper operation and maintenance of wood stove, and upgrading to a cleaner burning appliance
 - Available in Spanish (online) and English
 - Size: 8 1/2" X 11"



https://www.epa.gov/burnwise/tip-sheets

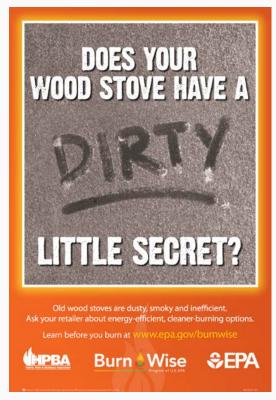




Your Old Wood Stove's Dirty Little Secret Poster

Overview

- Poster focuses attention to the issue of old stoves
- Ideally the similar brochure would accompany this poster
- Explains why it is important to upgrade to a new stove
 - Available in English
 - Size: 17" X 11"



https://www.epa.gov/burnwise/burn-wise-posters





Your Old Wood Stove's Dirty Little Secret Brochure

Overview

- Spells out the benefits of replacing an uncertified wood stove with a cleaner burning option like an EPA-certified wood stove
 - Available in Spanish (online) and English
 - Size: 8 1/2" X 11"



https://www.epa.gov/burnwise/burn-wise-brochures





Wet Wood Is A Waste Brochure

Overview

- Provides four simple steps to properly dry firewood
 - Available in Spanish (online) and English
 - Size: 8 1/2" X 11"



https://www.epa.gov/burnwise/burn-wise-brochures





Don't Let Your Investment Go Up in Smoke Tear Sheet

Overview

- Tear sheet has a similar message to our "Wet Wood is a Waste" brochure
 - Developed in partnership with the United States Forest Service for fire wood permit holders
 - Available in English
 - Size: 3 1/2" X 8 1/2"



https://www.epa.gov/burnwise/burn-wise-other-materials





Split, Stack, Cover and Store Video

Overview

- Demonstrates four simple steps to properly dry firewood
- Wet wood can create excessive smoke, which is wasted fuel
- The "Wet Wood is a Waste" brochure relays the same message

Video

http://www.youtube.com/watch?v=y o1--Zrh11s







Build a Firewood Storage Shed - Plans and Materials List

Overview

- Provides a list of the materials, cost, photo and simple schematics for building a wood shed holding about one cord of wood
 - Available in English
 - Size: 8 1/2" X 11"





https://www.epa.gov/burnwise/burn-wise-other-materials

Link to video demonstrating how to build this shed: https://www.epa.gov/burnwise/burn-wise-videos

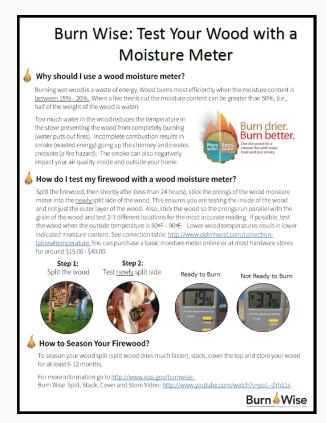




Test Your Wood with a Moisture Meter

Overview

- Outlines the benefits of knowing the wood moisture content and how to properly test firewood using a moisture meter.
 - Available in English
 - Size: 8 1/2" X 11"



"How-to" Burn Wise video also available

https://www.epa.gov/burnwise/burn-wise-other-materials





How to Use a Moisture Meter Video

Overview

Tips on how to properly use a moisture meter to test firewood moisture levels

 Burning dry, seasoned firewood with a moisture content of 20% or less can save money and help reduce harmful air pollution - indoors and out

Video

http://www.youtube.com/watch?v=j
M2WGgRcnm0



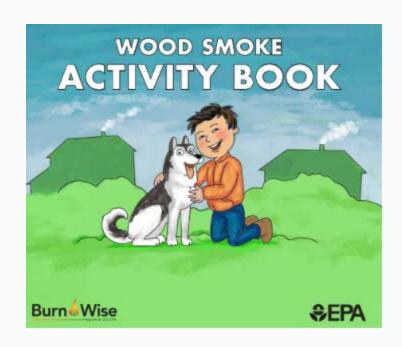




Wood Smoke Activity Book

Overview

- Children can read the story about best burning practices, color the pictures, and do the activities included in this activity book.
 - Available in English
 - Size: 8" X 11" or 8" X 7",16 pages



https://www.epa.gov/burnwise/wood-smoke-activity-book





Learn Before You Burn Postcards

Overview

- Postcards are a great reminder for homeowners to schedule an annual chimney inspection
 - Developed in partnership with the Chimney Safety Institute of America (CSIA)
 - Available in English
 - Size: 6" X 4"



https://www.epa.gov/burnwise/burn-wise-other-materials





Asthma and Wood Smoke Videos

Overview

 Highlight the health effects (e.g., asthma) related to particulate matter (PM) exposure from residential wood smoke



Videos

- Wood Smoke and Asthma: Breathe Easier
 http://www.youtube.com/watch?v=sJQ41VDDA6Q
- Wood Smoke and Asthma: Reduce Smoke http://www.youtube.com/watch?v=aJX
 i9i3g7EM
- Wood Smoke and Asthma: Dry Firewood http://www.youtube.com/watch?v=Z-OfbPiXPUU





Who is Promoting the Burn Wise Message?

- EPA Headquarters & Regions
- States, Tribes and Local Agencies
- Chimney Sweeps
- Non-profit Organizations
- Hearth, Patio, and Barbecue Association
- Hearth Retailers & Manufacturers





Partnerships and Innovation Examples:

- Minnesota State Fair
- Michigan Firewood Permit Program
- Washington State's Northwest Clean Air Agency "Learn Before You Burn" Poster
- Washington State's Northwest Clean Air Agency Firewood Shed Construction
- Alaska Department of Environmental Conservation: "Burn Wise, Breathe Easy"





Minnesota State Fair











Michigan Dept. of Natural Resources: Firewood Collection Permit



Michigan Department of Natural Resources - Forest Resources Division

PERSONAL USE FUELWOOD APPLICATION

Issued by authority of Part 5, 1994 PA 451, as amended. Noncompliance with the provisions of this act may result in revocation of this permit.

DNR USE ONLY PERMIT NUMBER	
GENERAL	SPECIFIC

This form is the application for personal use fuelwood. After approval, it will be attached to a Personal Use Fuelwood Permit and Receipt (PR4166). A permit is required to remove timber and must be in your possession when removing fuelwood from State land.

APPLICANT INFORMATION	
Name of Applicant / Permittee	Mailing Address
Telephone	City, State, ZIP
()	
Location of Permit Requested	MI Driver's License or MI ID Number Date of Birth
County	
	Vehicle Information
Township(s)	Make/Model
Map ID:	License/State
LIABILITY AND INDEMNIFICATION	
LIABILITY. Permittee hereby releases, waives, discharges, and co	evenants not to sue the State of Michigan, its departments, officers,









Washington State, Columbia Valley Clean Air Committee: "Learn Before You Burn"



Poster modified to include local air quality district's logo





Alaska Department of Environmental Conservation: Burn Wise, Breathe Easy







WA State Northwest Clean Air Agency Supports Firewood Shed Construction and Distribution









How to Apply the Burn Wise Messages

- Post Burn Wise logo and website link on your organization's website
- Share Burn Wise message on social media
 - Post EPA ready-made messages on Facebook and Twitter
- Make printed educational materials available at all your outreach events
- Conduct educational campaign in conjunction with all wood burning appliance replacement programs





Questions? Contact Larry Brockman brockman.larry@epa.gov or 919-541-5398.

To order educational materials stop by EPA's exhibit, or go to EPA's Burn Wise website, https://burnwise/forms/burn-wise-educational-materials-order-form or contact Larry.